What is claimed is:

1. An electrical connector assembly, comprising:

an insulative housing defining at least two cavities;

a first and second array of conductive contacts received in the housing, each of the first and the second contact partially extending into a corresponding cavity;

a ground plate disposed between the first and the second contacts;

an internal PCB arranged in a rear potion of the housing, the internal PCB having a plurality of signal traces and a ground trace, at least one array of contacts electrically connecting with the signal traces, the ground plate coupling to the ground trace; and

an outer shell substantially surrounding the insulative housing, the outer shell having a plurality of first tabs on opposite sides thereof engaging with the ground plate.

2. The electrical connector assembly according to Claim 1, wherein the housing defines a plurality of holes on opposite sides, and the first tabs extend through respective one of the holes and electrically contact with the ground plate.

3. The electrical connector assembly according to Claim 1, wherein the housing defines a slot between the two cavities for receiving the ground plate therein.

4. The electrical connector assembly according to Claim 3, wherein the ground plate has a grounding claw extending upwardly from one end thereof, the grounding claw extending beyond the housing for electrically connecting with the outer shell.

5. The electrical connector assembly according to Claim 1, wherein the outer shell includes a front shell and a rear shell, the front shell including an upper plate defining a plurality of locking slots therein and two side plates each having a plurality of embossments, the rear shell including a plurality of locking holes locking over embossments of side plates and a plurality of barbs engaging with

locking slots of the upper plate.

6. The electrical connector assembly according to Claim 5, wherein the front shell defining a depression therein, and the grounding claw of the ground plate bears against the depression.

7. The electrical connector assembly according to Claim 1, wherein the ground plate has a grounding leg extending downwardly from other end thereof, the grounding leg electrically connecting with the grounding trace.

8. The electrical connector assembly according to Claim 1, wherein the outer shell has a plurality of second tabs for connecting with the grounding traces of the internal PCB.

9. The electrical connector assembly according to Claim 8, wherein the second tabs are arranged in a vertical row and the first tabs are arranged in a horizontal row.

10. The electrical connector assembly according to Claim 1, further including a pair of LEDs attached to the internal PCB for visual indication and signal conditioning components arranged on the internal PCB for reducing or eliminating noise.

11. An electrical connector comprising:

an insulative housing defining divided first and second cavities;

a plurality of first contacts and a plurality of second contacts respectively located in said two cavities, respectively;

a ground plate located between and separating said first and second cavities;

a front shield covering at least a front face of the housing and defining two opening to expose said first and second cavities to an exterior in a front-to-back direction; and

a printed circuit board disposed behind and perpendicular to the grounding plate; wherein

said grounding plate includes a front section mechanically and electrically

engaging a middle portion of the front shield which is located between the two openings, and a rear section mechanically and electrically engaging the printed circuit board.

12. The connector according to claim 11, further including two side shells with inwardly extending tabs engaged with either the ground plate or the printed circuit board.

13. The connector according to claim 12, wherein said tow sides shells are integrally formed with the front shield.

14. The connector according to claim 11, wherein said housing includes a plurality of through holes to allow said tabs to extend therethrough.

15. An electrical connector comprising:

an insulative housing defining divided first and second cavities;

a plurality of first contacts and a plurality of second contacts respectively located in said two cavities, respectively;

a ground plate located between and separating said first and second cavities;

an outer shield at least partially covering housing; and

a printed circuit board disposed behind and perpendicular to the grounding plate; wherein

said grounding plate includes legs mechanically and electrically engaging the printed circuit board, and said outer shell includes tabs mechanically and electrically engaging the printed circuit board.

16. The connector according to claim 15, wherein said outer shell further includes other tabs engaging the ground plate.